

CD4 T follicular helper cells in HIV

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May 3, 2022

Abstract

HIV infects millions of individuals worldwide, and new things still emerge. Once infected, the virus cannot be cleared by the system and causes non-heritable immunological disorder syndrome. Combination antiretroviral therapeutic program effectively suppresses microorganism replication and halts malady progression. The treatment, however, doesn't eliminate the virus-infected cells, and interruption of treatment inevitably leads to microorganism rebound. The rebound virus originates from a gaggle of virus-infected cells named because the cellular reservoir of HIV. Distinctive and eliminating the HIV reservoir can stop microorganism rebound and cure HIV infection. During this review, we tend to concentrate on a recently discovered HIV reservoir during a set of CD4+ T cells referred to as the vesicle helper T (TFH) cells. We tend to describe the probable mechanisms for the looks of reservoir in TFH cells, and therefore the ways to focus on and eliminate this microorganism reservoir.

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